

WMD Radiological/Nuclear Course for HazMat Technicians (PER-241)



The WMD Radiological/Nuclear technician-level course prepares the hazardous materials (HazMat) technician to respond to an incident involving a radiological or nuclear weapon of mass destruction (WMD), such as a Radiological Dispersal Device (RDD, "Dirty Bomb") or an Improvised Nuclear Device (IND). This course is delivered at the Nevada Test Site to jurisdictions approved by the U.S. Department of Homeland Security, Office of Grants and Training (G&T) and their Centralized Scheduling and Information Desk.

Course Description:

The HazMat course provides the students with an awareness of the fundamentals of radiation, health effects, recognition, and terrorist use of radiation and radiological material. HazMat technicians are given hands-on experience with radiation fields while learning the basic operation of radiation detectors and dosimeters. Students are taught how to use these instruments to conduct surveys of personnel, vehicles, facilities, and outdoor areas. The hands-on activities blend cognitive knowledge of radiation and instruments with survey techniques used in detecting the presence of radiation, locating radioactive material, and measuring levels of radiation and radiological contamination.



HazMat technicians are taught operational considerations for working in high radiation areas, limiting responder radiation doses, and rescuing contaminated victims. Students form operational teams that deal with cadre-evaluated, realistic drills involving the probable terrorist use of radiological material. The course culminates with an evaluation exercise requiring student teams, under a unified command, to respond to a terrorist attack that has dispersed radiological material at the target facility.



Course Length:

32 hours (four 8-hour days)

Prerequisites:

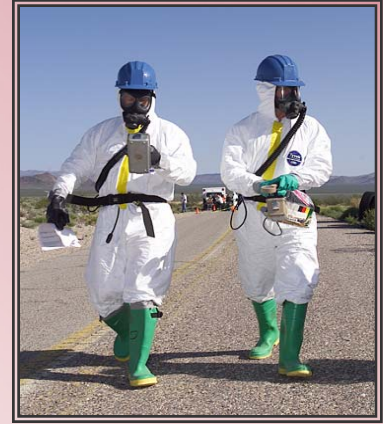
Students must be State-Certified Hazardous Materials Technicians.



Target Audience:

The target audience includes students with technician-level training representing the following disciplines:

- ◇ Law Enforcement
- ◇ Emergency Medical Services
- ◇ Emergency Management Agency
- ◇ Fire Service
- ◇ Hazardous Materials (HazMat)
- ◇ Public Works
- ◇ Governmental Administrative
- ◇ Public Safety Communications
- ◇ Health Care
- ◇ Public Health
- ◇ Other skilled support personnel who provide immediate support services during prevention, response, and recovery operations



Certificate:

Certificate of Completion is issued upon successful completion of the course.

Eligibility:

This course is primarily intended for responders trained to the HazMat Technician Level. It is the responsibility of the jurisdiction to select qualified course participants.

Course Delivery:

The course is delivered at the U.S. Department of Energy National Nuclear Security Administration (DOE/NNSA) Nevada Test Site.

Cost:

All training and course materials are provided at no cost to eligible participants.

Enrollment Information:

In order to attend a training class delivered by one of the G&T training partners, a request must be provided to the designated DHS training point of contact. For the Training Coordinator in your area, please contact the DHS/G&T Help Line at: 800-368-6498.

For more information, contact:
Counter Terrorism Operations Support Program
Registration Desk
P.O. Box 98521, M/S CF126
Las Vegas, Nevada 89193-8521
phone: 702-295-3224
fax: 702-537-2639
email: CTOSREG@nv.doe.gov
Web site: www.nv.doe.gov/combatingterrorism

DOE/NSO
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